To the press

Press Release

January 15, 2019

Digital Information Technologies Corporation

Digital Information Technologies to cooperate with SSH Communications Security, a cyber security enterprise from Finland－to offer solutions for privileged access management based on the best complementary relation

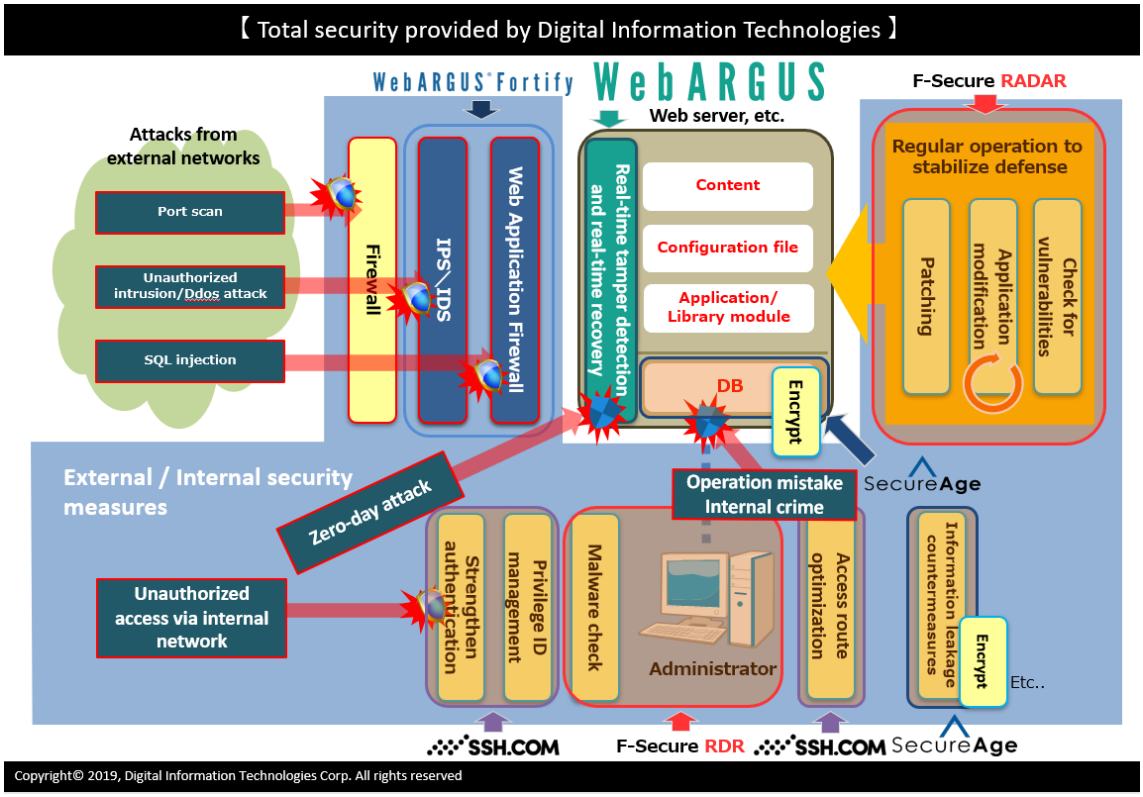
Digital Information Technologies Corporation (headquartered in Chuo-ku, Tokyo; representative director and president: Satoshi Ichikawa; hereinafter called “DIT”) has agreed to cooperate with SSH Communications Security (Asia Pacific Office in Hong Kong; Vice President: Ricky Ho; hereinafter called “SSH”), which is a cyber security enterprise from Singapore, in the field of security, as a strategy for further expanding its security domain, which is one of the growing domains of DIT.

(The representatives of the two companies shaking hands at the ceremony for signing the agreement)

Recently, various security reports have warned that inadequate control of network paths from terminals to critical servers and inadequate management of privileged access pose significant risks.
In the past, there were instances where the existence of a network path that allowed a manager to access an unknown server resulted in the tampering of an IT system. In addition, it is not an exaggeration to say that, due to inadequate privilege management to access critical servers (*), authorization information was leaked due to malware infections and inappropriate operations by end users, and the server is exposed to significant security risks.
*Failure to manage what terminals and servers are storing authorization keys, if these keys are being used, and other items

The PrivX access management software of SSH Communications Security, Inc. (SSH) functions as a gateway server. Using this software optimizes access paths by making all of the pathways for accessing managed servers go through PrivX. In addition, this software is a solution that controls SSH/RDP/HTTPS access for audit traceability.
To access a server from a terminal, the user can use a web browser to log into a specific server by going through the PrivX server. There is no need to install separate client software or other software because SSH/RDP clients are operated by the web browser. Furthermore, PrivX can be installed quickly and has low maintenance expenses because installation of agents and other components in servers is not necessary.
Access authorization from PrivX to a server requires only one-time electronic certificate. The result is extremely rigorous security. Elimination of the need to hold an authentication key in a terminal is another benefit. That means there is no longer any time-consuming management of keys and no danger of thefts or unauthorized use of critical keys.

By working with SSH, DIT is able to provide a privileged management solution with extremely secure and powerful authentication and access control for links between terminals and key servers.



Through this collaboration, DIT will offer more comprehensive security measures, and continue active research and development of original security products, to contribute to the actualization of a safe, anxiety-free information-communications society.

■ Regarding WebARGUS

WebARGUS is a new security solution that has realized resilience so as to detect the tampering of a system when it occurs and restore the system to the original normal state in a blink. The instantaneous detection of tampering and the instantaneous restoration will protect the systems of enterprises from unexpected malicious cyberattacks and prevent the spread of viruses via tampered systems, etc. The role of WebARGUS is to protect business by detecting falsification after the breach of a system and restoring the system to the original state in a blink. In a nutshell, it is “the last fortress” for defense. In addition, WebARGUS can detect the falsification of not only the contents of websites, but also execution modules, libraries, configuration files, etc. and restore them in a fraction of a second, so it can be utilized as an all-around security product for servers.

URL: https://www.webargus.com/

■ Profile of SSH

SSH Communications Security, Inc. is a supplier of software and associated technologies for highly advanced IT security and access management. Many Fortune 500 companies and U.S. government agencies rely on the sophisticated and innovative solutions of SSH. The Secure Shell (SSH) protocol, invented by SSH in 1995, became a vital technology for the protection of communication security. Since then, SSH has remained at the forefront of technological progress for intelligent access control.

Location of the headquarters: Kornetintie 3, 00380, Helsinki, Finland
URL: https://www.ssh.com

■ Profile of DIT (the first section of Tokyo Stock Exchange; securities code: 3916)

DIT is an independent IT enterprise, which earns stable revenue from the development of industrial embedded systems and has grown its sales and profit for the 9th consecutive term. It aims to grow further with its original products, including WebARGUS®, which is a security product for detecting the falsification of a website and restoring it instantaneously, and xoBlos®, which is a platform for automating business operations to support the reform of ways of working.

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URL: https://www.ditgroup.jp/